

ABSTRACT OF THE DISCLOSURE

Methods and systems of searching a file access system for a requested file. One embodiment includes allocating memory for directory cache and buffer cache. The directory cache stores a directory file layout. The directory cache is searched for a requested file, and a pointer points to where the name of the requested file is stored in the buffer cache. If the directory cache does not exist, then the embodiment reverts to conventional file access methods. The directory cache may store only selected directories. The selected directories may be chosen based upon at least one of the number of files in a directory, the frequency of use or access, or other user-specified criteria.

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